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(71) Applicant: NEC CORP

(72) Inventor: MORIMOTO SHINICHI

(54) CONVERTING DEVICE FOR FILE CONTENTS

(57) Abstract

PURPOSE: To attain conversion of contents of an output corresponding to a certain input structure even in case the contents are decided based on the upper structure of the input, by realizing the descending sentence structure analysis of such input structure with which only the ascending sentence structure analysis is so far available.

CONSTITUTION: An operation mechanism 5 showing an operation to a 1-dimensional list 2 deletes successively all contents of the list 2 from the left side in the 1st case where the upper structure of the input data received from a transition mechanism 4 are entirely recognized. Then those deleted contents are sent to the mechanism 4 in the order of deletion. While in the 2nd case where the upper structure of the input data received from the mechanism 4 can be partly and newly recognized, a symbol corresponding to a sentence structure rule equivalent to the structure that can newly be recognized is put into the left side of the symbol corresponding to the most upper structure already recognized out of the contents of the list 2. Then the analysis state set immediately before the input data on the left side of the sentence structure rule and the lead of the lowest part of said rule is sent to the mechanism 4. In the 3rd case, a symbol corresponding to the data read is inserted to the right end of the contents of the list 2.